

FIG 1

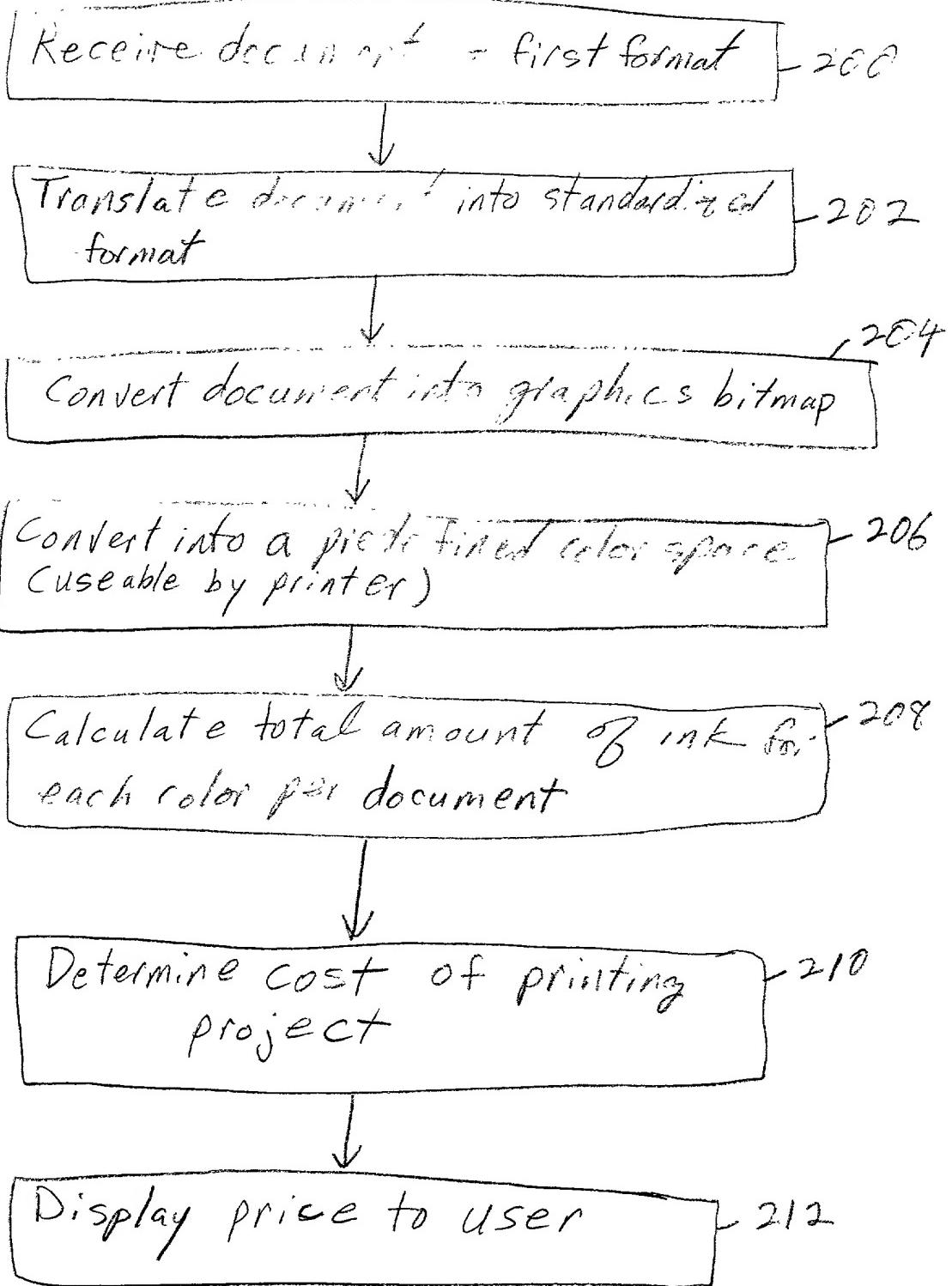


FIG 2

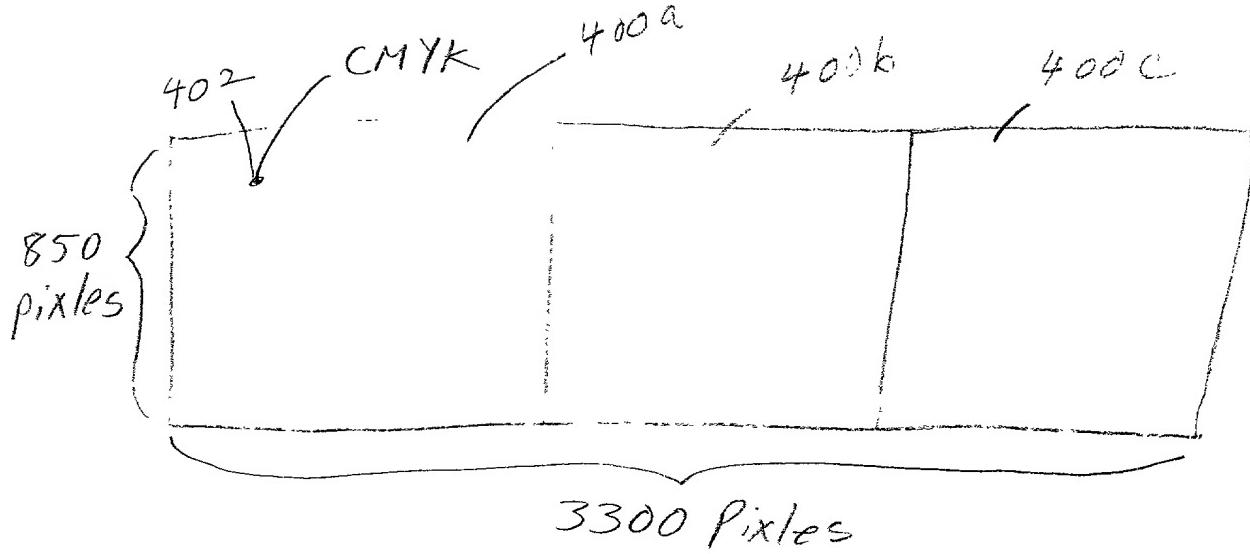


FIG 3

Sum ink color value number for each color for each pixel of entire document

-500

Multiply total color value number per color by size of each pixel to derive IC ($IC = Ink \times Area$)

-502

Determine cost multiplier ($\$/Color\ inch^2$)

-504

Multiply IC of color by cost multiplier for that ink color to produce cost of printing that color for one copy of document

-506

No

Last color?
?

508

Y



FIG 4A

(A)

Sum cost of printing all colors
for one copy of document

- 510



Multiply sum cost of printing by
the number of requested copies

- 512

FIG 4E

Compute IC values for a test document } 600

Print the test document on a particular printer until the printer runs out of an ink cartridge } 602

Derive how much IC is associated with that ink cartridge for that printer } 604

Divide cost of that ink cartridge by IC of the ink cartridge to get cost multiplier } 606

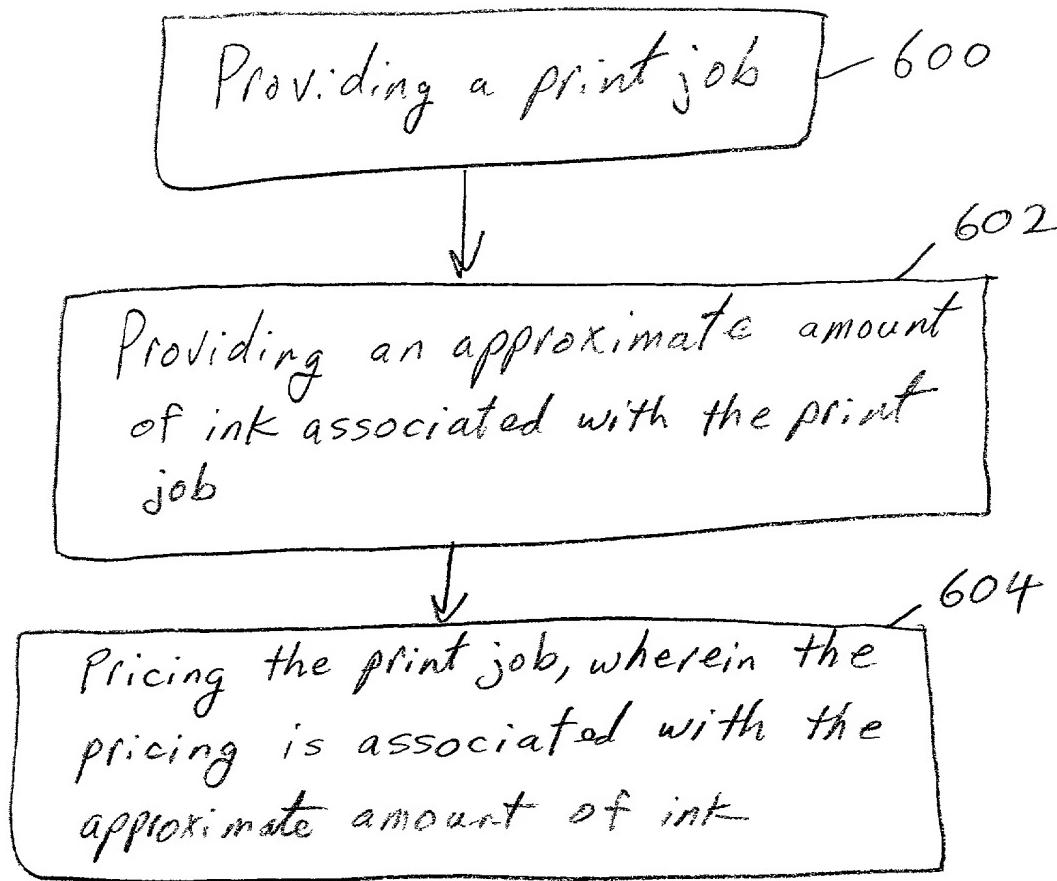


FIG 6.